KOLDOBSKIY, A.G.; MEDVEDEV, S.I.; PISKOPPEL', F.G.; YAKOBSON, M.G. Prinimali uchastiye: BERKHIN, I.B.; OSLIKOVSKAYA, Ye.S.; PEREKISLOVA, A.M.; LITVIN, V.M.; PARKHOMENKO, Ye.V.; STOTIK, A.M.; SHAPIRO, T.I.; STRUMILIN, S.G., akad., glav. red.; ALEKSENKO, G.V., red.; ANISIMOV, N.I., red.; VOLODARSKIY, L.M., red.; GERSHBERG, S.R., redaktor; red.; PETROV, A.I., red.; POSVYANSKIY, S.S., red.; BAZAROVA, G.V., kand. ekonom. nauk, starshiy nauchnyy red.; KISEL'MAN, S.M., starshiy nauchnyy red.; LIVANSKAYA, F.V., kand. ekonom. nauk, starshiy nauchnyy red.; GLAGOLEV, V.S., nauchnyy red.; NEDBAYEV, V.I., nauchnyy red.; TUMANOVA, N.L., nauchnyy red.; TOVMASYAN, M.E., red.; BLAGODARSKAYA, Ye.V., mladshiy red.; SHUSTROVA, V.M., mladshiy red.; ZENTSEL'SKAYA, Ch.A., tekhn. red.

[The economic life of the U.S.S.R.; chronicle of events and facts, 1917-1959] Ekonomicheskaia zhizn' SSSR; khronika sobytii i faktov 1917-1959. Glav. red. S.G.Strumilin. Chleny red. kollegii: Aleksenko i dr. Moskva, Gos. nauchn.izd-vo "Sovetskaia entsiklopediia," 1961. 779 p. (MIRA 14:10)

1. TSentral'naya nauchnaya sel'skokhozyaystvennaya biblioteka Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. Lenina (for Litvin, Parkhomenko, STOTIK, Shapiro).
(Russia—Economic conditions)

[illegible], N. I.

"Water and Heat Balance of Small Watersheds for a Period of One Year (The Territory Between the Rivers Knoyr and Helvelitsa)." Cand Phys-Math Sci, Leningrad Order of Lenin State U imeni A. A. Zhdanov, Leningrad, 1955. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

GOL'DENBERG, I.L., inzh.; ISAKOVSKIY, I.G., ekonomist; BEREZIN, B.P., inzh.; SIOTIK, V.S., inzh.; VOROB'YEVA, L.V., tekhn.red.

[Economic efficiency of capital investments and new machinery in transportation construction] Ekonomicheskaia effektivnost' kapital'nykh vlozhenii i novoi tekhniki v transprotnom stroitel'stve. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M va putei sobshcheniia, 1962. 233 p. (Bubushkin, Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy, no.48). (MIRA 16:2)

(Transportation--Buildings and structures)

POLAND / Microbiology. Human and animal Pathogenic Corynebacteria.

Jnl Jour: Ref Zhur-Biol., No 2, 1959, 5622.

Author : Chodzaszewski, F.; Przesiekiewicz, [illegible]; Kalinski, I.; [illegible]; [illegible]; [illegible]; Stefaniak, [illegible]; [illegible], F.

Inst : Not given.

Title : Characteristics of Corynebacterium Diphtheriae Strains Isolated During the 1955-6 Epidemic in the City of Lodz.

Orig Pub: Przegl. epidemiol., 1957, 11, No 4, 371-383.

Abstract: The properties of 276 diphtheria strains isolated from 261 patients in the city of Lodz which the author considers to constitute a number of diphtheria, were studied. Of all strains, 53.6% were of the gravis type, 26.2% were of

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Abstract: the "incomplete" gravis type, differing from the classic (gravoid Mallood) type in certain respects. 1.9% belonged to the mitis type, and 1.2% to the intermedius type; in 17.3% of strains, the type was not established. The Lazowski study of 1956 showed considerable predominance of the mitis type. Of 149 strains isolated from patients in 1952, Smirnova found 53.6% gravis type; 10.5% "incomplete" gravis type; 35.7% mitis type. Comparing the evolution and distribution of diphtheria pathogens observed in Lodz with the proposed Mallood schema of a 25-year cycle (mitis—intermedius—gravis—gravoid—mitis), the authors consider that the maximum prevalence of the gravis type in the Lodz area has passed, the

Card 2/3

Abstract: predominance of the "incomplete" or "atypical" Mallood gravis (gravoid) type is beginning, as a transitional stage toward the mitis type. Evolution of strains can, to a certain degree, depend on immunization of the population, leading to survival of more toxic strains, which most so usually belong to the gravis type. -- M. A. Gruzman.

Card 3/3

50

STOTLAND, Ya.G., inzh.

Automatic control circuits for regulating flow rate ratio of two liquids. Mekh.i avtom.proizv. 18 no.3:22-24 Mr '64. (MIRA 17:4)

Hydrometeorological basis of the production of salt on contracts on the Okhotsk Sea coast. A. M. [illegible]

STOTSENKO, A.V.; BATALIN, A.M.

Hydrometeorological conditions for the recovery of salt on the Sea of Okhotsk coastal region. Trudy Dal'nevost.fil.AN SSSR. Ser.khim. no.2:20-42 '56. (MLRA 10:2)

(Okhotsk region--Salt industry) (Sea water)

STOTSENKO, A.V., red.; KALASHNIKOV, L.P., tekhn.red.

[Collection of papers on problems of seasonally frozen soils] Sbornik materialov po voprosam sezonnoi merzloty. Vladivostok, 1957. 69 p. (MIRA 12:2)

1. Akademiya nauk SSSR. Del'nevostochnyy filial, Vladivostok.
(Frozen ground)

22(1) PHASE I BOOK EXPLOITATION SOV/3137

Akademiya nauk SSSR. Dal'nevostochnyy filial imeni V.L. Komarova

Nauka na Dal'nem Vostoke (Science in the Far East) Vladivostok, 1957. 111 p. 1,000 copies printed.

Editorial Committee: Ye.A. Boom, V.T. Bykov (Resp. Ed.), D.V. Girnik, A.V. Stotsenko (Deputy Resp. Ed.), Z.G. Onisimova, A.A. Tavid, P.D. Yaroshenko; Tech. Ed.: L. Kalashnikov

PURPOSE: This collection of articles is intended for the general reader interested in the status of scientific studies and research in the Soviet Far East.

COVERAGE: These articles review scientific achievements which have contributed to the economic development of the Soviet Far East. The creation of the first university in the Far East and of the Far East Branch of the Academy of Science is discussed. Studies in the history, geology, geophysics, chemistry, biology, and economics of the region are discussed and a great number of scientists and their contributions mentioned. Stress is laid on the progress of the geological survey carried out in the sourthern part of the Far East and the consequent

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discovery of coal, silver, lead, gold and petroleum. In addition to studies of the subsurface wealth, works on the vegetation and forest are also presented. Numerous references are incorporated in the text.

TABLE OF CONTENTS:

Science in the Far East

SOV/3136

AVAILABLE: Library of Congress (Q180.R9A55)

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TM/gmp
2-24-60

STOTSENKO, Aleksey Vasil'yevich

[Problems of the Amur River and its largest tributaries; the Zeya, Bureya, Sungari, and Ussuri rivers] Problema reki Amura i ego krupneishikh pritokov; Zei, Burei, Sungari, Ussuri. Vladivostok, Primorskoe knizhnoe izd-vo, 1958. 62 p.
(Amur River) (MIRA 13:5)

3(5) PHASE I BOOK EXPLOITATION SOV/1910

Akademiya nauk SSSR. Dal'nevostochnyy filial, Vladivostok. Institut geografii.

Materialy po fizicheskoy geografii yuga Dal'nego Vostoka: Prikhankayskaya ravnina i prilegayushchiye k ney rayony Primorskogo kraya (Physical Geography of the Southern [Soviet] Far East; Khanka Plain and Adjacent Areas of the Primorsky Kray) Moscow, Izd-vo AN SSSR, 1958, 495 p. 1,300 copies printed.

Resp. Eds.: B.P. Kolesnikov, Doctor of Biological Sciences, G.D. Richter, Doctor of Geographical Sciences, Professor, and V.V. Nikol'skaya, Candidate of Geographical Sciences; Ed. of Publishing House: P.K. Kavun; Tech. Ed.: Ye. V. Makuni.

PURPOSE: This book is intended for geographers interested in the physical geography of the Primorskiy Kray (Maritime Province).

COVERAGE: These articles deal with various aspects of the physical geography of the Primorskiy Kray, particularly the Suyfunskoye-Khankayskaya plain. A paleogeographic study of the Ussuri valley is given as is a general treatment of the hydrography and climate of the Prikhankayskaya (Khankay) plain. Information is provided on the non-metallic minerals of the plain and the rocks available for construction purposes. References accompany each article.

[illegible] 4

Stetsenko, A.V. A Climatic Outline of the Prikhankayskaya Plain and Adjacent Territories 131

Sokolov, I.P. Dry Winds Suseveye as a Climatic Feature of the Forest-steppe Landscape of the Prikhankayskaya Plain 162

Stetsenko, A.V., V.G. Chernenko. A Hydrogeographic Description of the Rivers of the Prikhankayskaya Plain and Those of Contiguous Regions 179

Stetsenko, A.V. Floods in the Primorskiy Kray 254

Eremeyev, A.I. Animal Life in the Prikhankayskaya Plains 273

AVAILABLE: Library of Congress (QH125.A45)

MM/lab
6-19-59

Card 3/3

9(3,7) PHASE I BOOK EXPLOITATION SOV/2822

Mnogoletnemerzlye osnovaniya po merzlotovedeniyu. 7th, Moscow, 1959

Materialy po inzhenernomu merzlotovedeniyu. Materials on Engineering Aspects of Permafrost; the 7th Interdepartmental Conference on Studies of Permafrost] Moscow, Izd-vo AN SSSR, 1959. 194 p. Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdelenie geologo-geograficheskikh nauk. Institut merzlotovedeniya.

Eds.: I. Ye. Zaborov, S. A. Tsytovich, and A. M. Chmutilin; Ed. of Publishing House: A. I. Rudnitskiy; Tech. Ed.: Ye. V. Ukhina.

PURPOSE: This book is intended primarily for construction engineers and geologists interested in permafrost problems.

COVERAGE: This collection of articles contains reports originally discussed at the 7th Interdepartmental Conference on Permafrost held in Moscow in March, 1956. Materials of this conference were published in three issues: general permafrost studies, engineering aspects of permafrost (present work), and ground physics and mechanics. Individual articles of this work discuss basic problems of planning, building, and operating various buildings and structures in permafrost regions. Some of the information reported, particularly on hydraulic engineering construction, is new and appears for the first time in the literature on permafrost. Articles are accompanied by bibliograpgs.

AVAILABLE: Library of Congress

Card 4/6 MM/Mal 1-9-59

[illegible] for flood control and
[illegible] 1:51-59 '59. (MIRA 14:2)
(Air [illegible]-flood control)
(Air [illegible] [illegible] rules)

STROTSENKO, A.V., prof., doktor geogr. nauk, red.; VOROB'YEV, D.P., kand. biol. nauk, red.; FEDOROVA, V.V., tekhn. red.

[Materials on the natural resources of Kamchatka and the Kurile Islands] Materialy po prirodnym resursam Kamchatki i Kuril'skikh ostrovov. Pod red. A.V.Strotsenko i i D.P.Vorob'yeva. Magadan, Magadanskoe knizhnoe izd-vo, 1960. 165 p. (MIRA 15:4)

1. Akademiya nauk SSSR. Dal'nevostochnyy filial, Vladivostok.
(Kamchatka—Natural resources)
(Kurile Islands—Natural resources)

CHEKOTILLO, A.M.; TSVID, A.A.; MALAROV, V.N.; STOTSENKO, A.V., prof., doktor geograf.nauk, otv.red.; OVECHKINA, L.S., red.; FILATOVA, G.M., tekhn.red.

[Icings in the U.S.S.R. and their control] Naledi na territorii SSSR i bor'ba s nimi. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1960. 204 p. (MIRA 13:12)

(Ice)

STUILENKO, A.V., prof., doktor geograficheskikh nauk; CHERVENKO, V.G., kand.tekhn.nauk

Brief survey of research on the development of water resources in the basin of the Ussuri River. Amur stor. no.2:20-32 '60. (MIRA 15:3)

(Ussuri River--Water resources development)

STOTSENKO, A.V.

Far Eastern Institute of Construction. Izv. AS1A no. 3:139 '60. (MIRA 13:12)

1. Direktor Dal'nevostochnogo instituta po stroitel'stvu.
(Soviet Far East--Building research)

STOTSENKO, A.V.

Climatology and its significance in the construction industry. Sbor. nauch. rab. DVNIIS no.1:37-44 '61.
(MIRA 16:11)

CHEKOTILLO, A.M., kand. tekhn. nauk; TSVID, A.A., kand. tekhn. nauk; STOTSENKO, A.V., doktor geogr. nauk, prof., red.; STRASHNYKH, V.P., red. izd-va; BOROVNEV, N.K., tekhn. red.

[Recommendations for controlling ice formation]Rekomendatsii po bor'be s nalediami. Utv. Gos.komitetom Soveta Ministrov RSFSR po delam stroitel'stva 23 iiunia 1962.g. Moskva, Gosstroiizdat, 1962. 41 p. (MIRA 16:1)

1. Russia (1923- U.S.S.R.)Gosudarstvennyy komitet po delam stroitel'stva.
(Ice on rivers, lakes, etc.)
(Civil engineering--Cold weather conditions)

[illegible], A.A.

Building dams across the Kering, Tsiar, and other straits. (MIRA 17:5)
Ster. mash. rab. [illegible] nr.3:94-98 '60.

[illegible]

Natural conditions determining the irregularity of the discharge of rivers in the Ussuri Basin and floods caused by them. Gidr. [illegible] lab. [illegible] no. [illegible] 1962.

STEPANENKO, A. V., TSVID , A. A., UMEROV, G. B., VEGELOV, V. N., BOYCLOVSKIY, P. A.,

"Data in areas of distribution of permanently frozen rocks"

report to be submitted for the Intl. Conference on Permafrost, Purdue Univ., Lafayette Indiana, 11-15 Nov 63

STOTSENKO, Ye. D.

Mbr., 1st Sanatorium, Health Resort, All-Union Central Council Trade Unions, Sosnovka, Kiev Oblast, -c1949-. "Results Obtained from Pneumoperitoneum in a Sanatorium," Prob. Tuber., No. 3, 1949.

STOTSIK, M.L.; ORLOVA, T.O.

Correlation of hypertension and nephropathy in pregnancy. Klin.med., Moskva 28 no.5:47-52 May 50. (CLML 19:4)

1. Of the Faculty Therapeutic Clinic (Director -- Honored Worker in Science Prof. E.M.Gel'shteyn) and of the Obstetric-Gynecological Clinic (Director -- Prof. I.I.Feygel'), Second Moscow Medical Institute imeni I.V.Stalin. Moscow.

STUTSIK, N.L. (Moskva)

Acute pancreatitis. Med. sestra 20 no.10:25-29 O '61. (MIRA 14:12)
(PANCREAS—DISEASES)

USSR/Physical Chemistry - Colloid Chemistry. Disperse Systems, B-14

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 621

Author: Stratonov, L. L.

Institution: Moscow Petroleum Institute

Title: Colloidal Properties of Nickel Pyrophosphate

Original Periodical: Sb.: 10-aya nauch.-tekhn. konferentsiya, 1955 (Nauch. stod. o-vo Mosk. neft. inst.). Leningrad, Gostoptekhizdat, 1956, 129-136

Abstract: The thixotropic properties of nickel pyrophosphate are described. The dependence of the ultimate yield value (Θ) on the time (τ) was measured. It is shown that the curve $\Theta = f(\tau)$ has a maximum, the magnitude and position of which depend on the concentration of the dry substance and the pH of the medium. Mechanical degradation of the structure sharply increases the strength of the system when carried out before the occurrence of a maximum in the Θ curve; mechanical structure degradation carried out after the occurrence of the maximum reduces the capacity of the system to restore the original structure.

Card 1/2

USSR/Physical Chemistry - Colloid Chemistry. Disperse Systems, B-14

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 621

Abstract: Syneresis was observed together with the reabsorption of the syneretic liquid. The charge on the nickel pyrophosphate particles is negative.

Card 2/2

TOPCIEV, A. V. [Topchiyev, A. B.]; KRENTEL, B. A. [Krentsel', B. A.];
STOTKAIA, L. L. [Stotskaya, L. L.]

Complex organometallic compounds, catalysts of olefin polymerization.
Analele chimie 16 no.4:64-99 O-D '61.

(Organic compounds) (Olefins) (Catalysts)
(Polymers and polymerization)

TOPCHIYEV, A.V.; KHEYTSEL', B.A.; STOTSKAYA, L.L.

Complex organometallic compounds as catalysts in the polymerization of olefins. Usp. khim. 30 no. 4:462-492 Ap '61. (MIRA 14:4)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Olefins) (Catalysts) (Polymerization)

S/191/62/000/012/001/015
B101/B186

AUTHORS: Topchiyev, A. V., Stotskaya, L. L., Krentsel', B. A.

TITLE: Polymerization of ethylene and some other vinyl monomers with soluble catalyst systems

PERIODICAL: Plasticheskiye massy, no. 12, 1962, 3-12

TEXT: This is a review article covering papers published between 1948 and 1962 on the reaction mechanism of the polymerization of ethylene, propylene, isoprene, butadiene and other dienes with soluble Ziegler-Natta-type catalysts. It is pointed out that the reaction medium considerably affects the course of polymerization when soluble metallo-organic complexes are used. From a theoretical aspect, based on the findings of the research it is assumed possible to simulate biological processes with the aid of soluble organic catalysts. There are [illegible] figures, 11 tables, and 44 references.

Card 1/1

S/020/62/146/002/016/017
B101/B144

[illegible] Synthesis of the Academy of [illegible]

Card 2/2

STOLBKAYA, L.L.; KRENTSEL', B.A.

New data on the mechanism of ethylene polymerization in the presence of a soluble catalytic system —$Sn(C_6H_5)_4$ + $AlBr_3$ + VCl_4. Dokl. AN SSSR 151 no.3:595-596 Jl '63. (MIRA 16:9)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Ethylene) (Polymerization) (Catalysis)

ACCESSION NR: AP4024402 S/0204/64/004/001/0043/0052

AUTHORS: Stotskaya, L.L.; Leshcheva, I.P.; Krentsel',B.A.

TITLE: Investigation of the ethylene polymerization reaction in the presence of the soluble catalyst system Sn (C H) - AlEt - VCl

SOURCE: Neftekhimiya, v. 4, no. 1, 1964, 43-52

TOPIC TAGS: ethylene, polymerization, polymerization catalyst, Ziegler catalyst, soluble catalyst system, vanadium containing catalyst system, catalyst mechanism, polyethylene, catalyst component ratio, linear polymer, crystalline polymer, crystalline polyethylene, molecular weight distribution, electron microscope, polyethylene monocrystal, propylene polymerization, vanadium tetrachloride containing catalyst, tin tetraphenyl containing catalyst

ABSTRACT: The polymerization of ethylene in the presence of the soluble catalyst system was investigated to explain the mechanism of the catalyst action and the characteristics of the polymer obtained. Examination of the catalyst component ratios indicated that a 1:1 ratio of $AlX_3:Sn(C_6H_5)_4$ results in a practically inactive catalyst;

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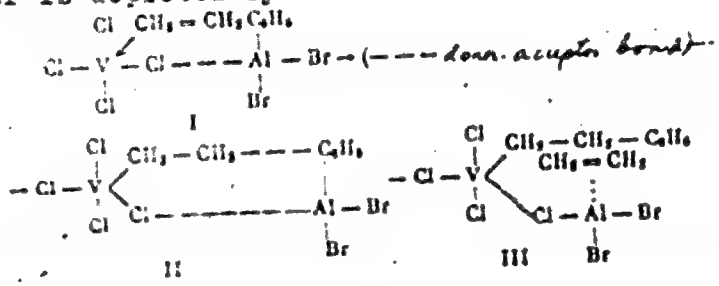
ACCESSION NR: AP4024402

[illegible] activity increases up to a 2:1 ratio and remains fairly constant [illegible]. Interaction between these components is depicted by: [illegible] $\rightarrow 2AlC_6H_5Br_2 + Sn(C_6H_5)_2Br_2 + AlBr_3$, where $AlBr_3$ [illegible] remains unreacted. Very small amounts of VCl_4 [illegible] in excess causes dearylation of the aluminum- [illegible] millimoles VCl_4 a 25% yield of high [illegible] polyethylene is obtained; with 0.03 millimoles the yield is similar but the viscosity of the material has dropped to 1.90; and with 0.06 millimoles the yield suddenly drops to 5%, and the viscosity to 1.10. The second stage of forming the active catalyst complex between $AlC_6H_5Br_2$ and VCl_4, which appears to require the presence of monomer is depicted by:



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ACCESSION NR: AP4024402

An investigation of the properties of the obtained polyethylene shows it is strictly linear, has a high degree of crystallinity, a high fusion temperature and very narrow molecular weight distribution. An electron microscope study of the supermolecular structure disclosed the presence of monocrystals in unfractionated polyethylene, confirming that groups of polymeric chains are uniform not only in structure but in the size of the structural units. By comparing the properties of polyethylene obtained with dissolved catalyst systems (i.e., the system discussed and solid system with $TiCl_4$), and the conventional heterogeneous Ziegler catalyst and the latter containing the transition metal salt VCl_4, led to the conclusion that the chemical structure of the polyethylene macromolecule is not determined by the stability of the polymerization catalyst but by the nature of the active growth center of the polymeric chain. Polymerization of propylene was unsuccessful under the various conditions favorable to ethylene polymerization. "Spectra were taken in collaboration with the laboratory of L. S. Polak in the Institute of Nuclear Physics, MGU". "Electron microscope investigations at electron

Card 3/4

ACCESSION NR: AP4024402

optical magnifications from 2000x to 30000x were conducted at the Karpova Physico-Chemical Institute by M. V. Konstantinopol'sk, to which the authors express thanks." Orig. art. has: 5 figures, 4 tables and 3 equations.

ASSOCIATION: Institut neftekhimicheskogo sinteza AN SSSR im. A. V. Topchiyeva (Institute of Petrochemical Synthesis, AN SSSR)

SUBMITTED: 09Jul63 DATE ACQ: 17Apr64 ENCL: 00

SUB CODE: CH NR REF SOV: 008 OTHER: 003

Card 4/4

S/[illegible]/60/[illegible]/[illegible]/[illegible]
B[illegible]/B[illegible]

AUTH. [illegible]: Petrovskiy, K. Ye., and Bystrukhin, M. F.

TITLE: [illegible] of Dioxane-1,4 by [illegible]

PUBL. [illegible]: [illegible] Zh. [illegible], [illegible], No. [illegible], pp. 968-970

TEXT: [illegible] studied the [illegible] of vinyl ethyl- and vinyl isopropyl [illegible] with [illegible] butyl lithium. They detected acetylene in the gaseous decomposition products of the first three compounds. All operations were carried out in a nitrogen current free of oxygen and water [illegible] and then [illegible] bubbled through the reaction mixture for [illegible] hours. The quantitative determination of acetylene was made by the [illegible] method (Ref. 7). After expiration of the given period [illegible] the reaction mixture was treated with [illegible]. The [illegible] found that the principal quantity of acetylene was [illegible] treatment. They concluded from this fact that the [illegible] may be expressed by the following scheme: R—(—CH=CH—)—Li + LiR → R—(—CH=CH—)—Li + CH≡CH + RH.

Card 1/[illegible]

[illegible] 1 Butyl Vinyl Ether [illegible] S/[illegible]/[illegible]/[illegible]/[illegible]/[illegible]
Hexane-1,4 by Means of Butyl Lithium B[illegible]

CH[illegible] [illegible] Butyl [illegible] reacts with butyl lithium and forms an acetylene which is [illegible] by the ethanol addition and again reverts to acetylene. In this case the butane was found to react. Lithium glycolate was found in the [illegible] addition products of hexane-1,4. [illegible] are given. In [illegible] gives the proposed scheme for the [illegible] of hexane, which includes a derivative of vinyl ether as an intermediate. It is known that the vinyl ether and hexane-1,4 regulate the molecular weight in the polymerization of [illegible] hydrocarbons by means of alkali metals and organic compounds of these metals. (Ref. 9). The authors explained this [illegible] in the way that the growing polymer chain actually [illegible] an organic compound of the alkali metals. It reacts with the ethers and [illegible] and causes the release of acetylene. Acetylene reacts with the active centers of the growing chain and deactivates them, with [illegible] molecular products [illegible] formed. Therefore, the [illegible] consider the use of hexane as solvent in the synthesis and in the storage of organolithium compounds [illegible]. There are 1 table and 9 references: 7 Soviet, 2 US, and 1 German.

Card 2/2

Decomposition of Some Vinyl Ethers and of Dioxane-1,4 by Means of Butyl Lithium

S/020/60/135/004/026/037
B016/B066

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka im. S. V. Lebedeva (All-Union Scientific Research Institute of Synthetic Rubber imeni S. V. Lebedev)

PRESENTED: June 28, 1960, by A. N. Nesmeyanov, Academician

SUBMITTED: June 27, 1960

Card 3/4

S/020/60/135/004/026/037
B016/B066

A) $O\langle CH_2-CH_2 \atop CH_2-CH_2\rangle O + LiR \rightarrow Li-O-CH_2-CH_2-O-CH=CH_2 + RH,$

б) $LiO-CH_2-CH_2-O-CH=CH_2 + LiR \rightarrow LiO-CH_2-CH_2-OLi + CH\equiv CH + RH,$

в) $HC\equiv CH + 2LiR \rightarrow LiC\equiv CLi + 2RH.$

Card 4/4

4E4/3
4E2C

S/079/60/030/006/026/033/XX
B001/B055

AUTHORS: Stotskiy A. A. and Gorbunova, S. L.

TITLE: A New Synthesis of Crotyl Amine

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 6, pp. 1985 - 1986

TEXT: Crotyl amine was prepared by reducing croton-aldoxime with sodium amalgam (Ref.1), lithium aluminum hydride (Ref.2), by splitting the hydrogen halide from the corresponding halogenated butyl amines (Refs. 4-6) and by the Gabriel method (Refs. 3,7,8). Particular mention must be made of the synthesis of pure cis- and trans-crotyl amine (Ref.9). In the present publication, the authors describe a simple method of synthesizing pure crotyl amine similar to the preparation of allyl amine described in Refs. 11 and 12. The salt obtained by reacting crotyl bromide with hexamethylene-tetramine was hydrolyzed in an alcoholic medium using hydrochloric acid. Crotyl-amine hydrochloride was converted to the free amine. In a methylene chloride solution, the salt

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A New Synthesis of Crotyl Amine S/079/60/030/006/026/033/XX
B001/B055

was obtained in 90% yield; in chloroform, however, only in 30% yield, probably due to the higher solubility of hexamethylene-tetramine in chloroform than in methylene chloride. The reaction in chloroform is more vigorous and probably accompanied by side reactions. There are 11 non Soviet references.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut imeni Lensoveta (Leningrad Technological Institute imeni Lensovet)

SUBMITTED: May 25 1959

Card 2/2

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653410019-1"

STOTSKIY, E.D. (Moskva)

Descriptive theory of games. Probl.kib. no.8:45-54 '62. (MIRA 16:4)

(Games, Theory of)

L [illegible] ACCESSION NR: AT5004140 S/0000/64/000/000/0018/0022

AUTHOR: Stotskiy, E.D.

TITLE: The number of non-oriented trees

SOURCE: AN SSSR. Institut nauchnoy informatsii. Informatsionnyye sistemy (Information systems). Moscow, 1964, 18-22

TOPIC TAGS: computer memory, coding, tree coding, nonoriented tree

ABSTRACT: The author gives a new upper estimate for the number of topologically different trees which may be composed of n sides, and outlines a simplified system for the coding of trees. The problems discussed in this paper are of importance in the selection of the most economical arrangement of information having the character of graphs in a machine memory unit. A proper understanding of the considerations analyzed in the article requires that the reader be familiar with the work of G. Polya (Kombinatorische Anzahlbestimmungen für Gruppen, Graphen und chemische Verbindungen, "Acta Math.", [illegible] 25?), from which the author quotes the fact that the number D(n) of non-[illegible] trees composed of n sides [illegible] within the limits

$$[illegible] \leq D(n) \leq [illegible]$$

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L 32593-66

ACCESSION NR: AT5004140

The author notes that these estimates are derived from the investigation of the generating function for trees, and that, in principle, upper estimates can be obtained on the basis of certain methods of tree coding which permit unique decoding. In a case of this kind, the number of different codes will not be less than the number of trees; consequently, if the number of codes can easily be estimated from above, this estimate will simultaneously constitute the upper estimate for the number of trees. By way of example, the author considers a system of coding of maximum simplicity in an alphabet $\{0, 1\}$, leading to the estimation $D(n) < 4^n$, and proceeds to the coding of trees directionally orientated away from a certain segregated apex called the root. An auxiliary system for coding oriented trees with root in an alphabet $\{0, 1, 1\}$ is introduced. By means of this system, trees of a special class (called "S-trees") are coded. In the concluding section of the article, the author applies this S-tree coding method to the task of coding arbitrary trees. Orig. art. has 7 formulas and 3 figures.

ASSOCIATION: none

SUBMITTED: 08Oct64 ENCL: 00 SUB CODE: DP

NO REF SOV: 001 OTHER: 002

Card 2/3

USSR/Engineering Aug 48
Turbines, Gas
Engines - Combustion

"A Generalization of the Theoretical Cycle of Internal Combustion Engines and Gas Turbines," L. R. Stotskiy, MNI imeni Gubkin, 5 3/4 pp

"Energet Byul" No 8

General theoretical discussion. Describes Otto cycle. Explains new cycle devised by Prof N. I. Belokon' (Moscow Petroleum Inst imeni Gubkin) applicable to both piston engines and gas turbines. Deduces equation for efficiency of cycle. Shows that other

[redacted] 10/49786

USSR/Engineering (Cont'd) Aug 48

cycles (Otto, Diesel, etc.) may be regarded as special cases of Belokon' cycle. Efficiency of Otto cycle stated to be less than that of Belokon' cycle.

[redacted] 10/49786

STOTSKIY, L. R.

Kocegar neftianykh i gazovykh promyslov. Moskva, Gostoptekhizdat, 1949.
142 p. illus.

(V pomoshch' novym kadram neftianoi promyslennosti)

Bibliography: p. (141)

(Stokers in petroleum and gas industries.)

DLC: TJ320.S8

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

[illegible], [illegible] F.

Technology

Heat-generating system in oil and gas industries, Moskva, Gostoptekhizdat, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

Steam Boilers

Letter to the editor of "Energeticheskii Biulleten".; Energ.biul. no. 12, 1951.

Monthly List of Russian Accessions, Library of Congress, May 1952. Unclassified.

11(2,4) PHASE I BOOK EXPLOITATION SOV/2823

Stotskiy, Lev Rudol'fovich

Teplosilovoye khozyaystvo predpriyatiy neftyanoy i gazovoy promyshlennosti (Heat-Power Economy of Oil and Gas Industry Enterprises) Moscow, Gostoptekhizdat, 1959. 552 p. Errata slip inserted. 4,650 copies printed.

Executive Ed.: Ye. A. Shakhmayeva; Tech. Ed.: E. A. Mukhina.

PURPOSE: This textbook is intended for tekhnikum students specializing in heat generation, utilization and consumption, or in the designing of the heat power equipment used at refineries and oil fields. It will also be useful to other specialists concerned with heat energy problems.

COVERAGE: The book deals with the generation and consumption of heat and presents the fundamentals of engineering turbines and other heat power equipment. It analyzes in detail the consumption of steam, hot water, and heat by various processing units, boilers, pumps, compressors, drilling rigs, and other machines, and the

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amount of heat required to heat petroleum industry buildings and installations. Sample calculations for determining heat consumption of different machines are given. Different internal combustion engines used in oil fields and refineries are examined and the trend toward converting liquid fuel engines into gaseous fuel engines is pointed out. Heat exchangers, heat transformers, heat pumps, and other heat generating and supplying units are reviewed. Thermal insulation materials and insulation systems are also dealt with. No personalities are mentioned. There are 51 Soviet references.

TABLE OF CONTENTS:

STOTSKIY, Lev Rudol'fovich; NASTOVA, G.V., ved. red.; SVYATITSKAYA, K.P., ved. red.; FEDOTOVA, I.G., tekhn.red.

[Fireman for boilers using liquid or gas fuel] Kochegar kotel'nykh na zhidkom i gazoobraznom toplive. Moskva, Gos.nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry, 1960. 325 p (MIRA 14:12)
(Boilers--Firing)

KALASHNIKOV, N.V.; STOTSKIY, L.R.; GLINER, B.M. [deceased]; DOBRYNINA, N.P.; DUBROVSKAYA, Kh.A.; YEZDAKOVA, M.L.; LYUBIMOV, N.G.; PONOMAREVA, K.A.; REYKHTSAUM, P.B.; SMIRNOV, V.I.; SUSHKIN, I.N.; SHAKHMAYEVA, Ye.A., vedushchiy red.; POLOSINA, A.S., tekhn. red.

[Units of measurement and abreviations of physical and technical values; manual for editors and writers] Edinitsy izmereniia i oboznacheniia fiziko-tekhnicheskikh velichin; spravochnik dlia rabotnikov izdatel'stv i avtorov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 254 p. (MIRA 14:9)

1. Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo neftyanoy i gorno-toplivnoy promyshlennosti (for Kalashnikov, Dobrynina, Smirnov). 2. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina, (for Stotskiy). 3. Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo Ministerstva promyshlennosti prodovol'stvennykh tovarov (for Dubrovskaya). 4. Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo literatury po chernoy i tsvetnoy metallurgii (for Yezdakova, Sushkin). 5. Gosgortekhizdat (for Lyubimov). 6. Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo mashinostroitel'noy literatury (for Ponomareva). 7. Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo khimicheskoy literatury (for Reykhtsaum).
(Engineering--Nutation) (Units)

KALASHNIKOV, N.V.; SHUTSKIY, L.R.

International system of units. Gaz prom. 6 no.12:52-54 '61. (MIRA 15:2)

(Units)

KALASHNIKOV, N.A., kand.tekhn.nauk; STOTSKIY, L.R., kand.tekhn.nauk

"Units of physical values" by G.D. Burdun. Reviewed by N.A. Kalashnikov. Mekh.i avtom.proizv. 15 no.8:61 Ag '61. (MIRA 14:9)
(Units)
(Burdun, G.D.)

DRUSKIN, L.I. Prinimal uchastiye FORER, I.B., inzh.; STOTSKIY, L.R., retsenzent; VRONSKIY, L.N., ved. red.; YAKOVLEVA, Z.I., tekhn. red.

[Gas burning in industrial furnaces and boiler units] Szhiganie gaza v promyshlennykh pechakh i kotlakh. Moskva, Gostoptekhizdat, 1962. 263 p. (MIRA 15:11)
(Gas as fuel)

SMIRNOV, Aleksandr Sergeyevich, doktor tekhn. nauk, prof.; GENKINA, Liya Aleksandrovna, inzh.; KHUSHHULYAN, Mikhail Menzikovich, inzh.; CHEKNOV, Dmitriy L'vovich, inzh.; KHODANOVICH, I.Ye., kand. tekhn. nauk; STOTSKIY, L.R., red.; VRONSKIY, L.N., ved. red.; VORONOVA, V.V., tekhn. red.

[Transportation and storage of gas] Transport i khranenie gaza. [by] A.S.Smirnov i dr. Moskva, Gostoptekhizdat, 1962. 421 p. (MIRA 15:6)

(Gas, Natural--Storage)
(Gas, Natural--Transportation)

KALASHNIKOV, N.V.; STOTSKIY, L.R.

International system of units. Mashinostroitel' no.3:45-47 Mr '62. (MIRA 15:3)

(Units)

KALASHNIKOV, N.V., STUTSKIY, L.A.

International unit system. Priborostroenie no.4:28-30 Ap '62. (MIRA 15:4)

(Units)

KALASHNIKOV, N.V.; STOTSKIY, L.N.

International system of units. Geol. nefti i gaza 6 no.6:49-53 Je '62. (MIRA 15:6)

(Units)

STOTSKIY, L.R.

International system of units SI. Khim.prom. no.7:476-480 Jl '62. (MIRA 15:9)

(Units)

KALASHNIKOV, N.V.; STOTSKIY, L.R.

International system of units. Khim. i tekh.topl.i masel 7 no.3:67-70 Mr '62. (MIRA 15:2)

(Units)

KALASHNIKOV, N.V., kand.tekhn.nauk; SIOTSKIY, L.N., kand.tekhn.nauk

International system of units. Stroi. truboprov. 7 no.4:23-2[illegible] Ap '62. (MIRA 15:5)

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KALASHNIKOV, N.V.; STOTSKIY, L.R.

International system of units. Kons. i ov.prom. 17 no.4:44-48 Ap '62. (MIRA 15:3)

(Units--Standards)

ZHILA SHIKOV, N.V.; STOTSKIY, L.R.

International unit system. Tekst.prom. 22 no.4:22-26 Ap '62. (MIRA 15:6)

(Units)

KALASHNIKOV, N.V.; STOTSKIY, L.K.

International system of units. Stal' 22 no.9:854-861 S '62. (MIRA 15:11)

(Units)

STOTSKIY, L.R., kand.tekhn.nauk

The international system of units and its use in assembly practice in construction. Mont.i spets. rab. v stroi. 24 no.11:22-26 N '62. (MIRA 15:12)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti.

(Units)

KALASHNIKOV, N.V.; STOTSKIY, L.R.

International system of units. Ogneupory 27 no.5:203-207 '62. (MIRA 15:7)

(Units)

KALASHNIKOV, N.V.; STOTSKIY, L.R.

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(Units)

KALASHNIKOV, N.V.; STOTSKIY, L.R.

International unit system. Masl.-zhir.prom. 28 no.9:44-47 '62. (MIRA 15:9)

(Units)

K[illegible]V, [illegible]; S[illegible], L. K.

International unit system. Mir.ind. S.S. 33 no.3:60-6[illegible] '6[illegible]. (MIRA 1[illegible])

(Units)

KALASHNIKOV, N.V.; STOTSKIY, L.R.

International unit system. Stan.i instr. 33 no.5:38-40 My '62. (MIRA 15:5)

(Weights and measures--Standards)

KALASHNIKOV, N.V.; STOTSKIY, L.R.

International unit system. Sakh.prom. 36 no.4:71-75 Ap '62. (MIRA 15:5)

(Units)

K[illegible]AV, M.V.; STOTSKIY, L.R.

International unit system. Ugol' 37 no.9:56-59 S '62. (MIRA 15:9)

(Units)

SIOMKIY, L.F., kand.tekhn., nauk; KALASHNIKOV, N.V., kand.tekhn.nauk

SI - the International System of Units. Stroi.mat. 9 no.3: 36-38 Mr '63. (MIRA 16:4)

(Units)

KALASHNIKOV, N.V., kand.tekhn.nauk; STUTSKIY, L.R., kand.tekhn.nauk

International unit system. Mekh.i avtom.proizv. 16 no.5:42-45 '62.
(MIRA 16:5)

(Units--Standards)

STOTSKIY, L.F., kand.tekhn.nauk

International system of units. Prom.energ. 18 no.1:46-59 Ja '63. (MIRA 16:4)

(Units)

STOTSKIY, L.R., kand.tekhn.nauk

International system of units. Elek. sta. 34 no.1:65-75 Ja '63. (MIRA 16:2)

(Electric units)
(Units)

STOTSKIY, L.R., kand.tekhn.nauk; KALASHNIKOV, N.V., kand.tekhn.nauk

International system of units and its use in design and construction. Prom. stroi. 40 [i.e. 41.] no.3:50-54 Mr '63. (MIRA 16:3)
(Units)

[illegible], [illegible], kand.tekhn.nauk; KALASHNIKOV, N.V., kand.tekhn.nauk

SI, the international system of units, and its use in designing, construction, and the building materials industry. Vod. i san. tekh. no.5:31-34 My '63. (MIRA 16:6)

(Units)

STOTSKIY, Lev Rudol'fovich; SVYATITSKAYA, K.I., ved. red.;
POLOSINA, A.S., tekhn.red.

[Stoker of boilers operating on liquid and gas fuel]
Kochegar kotel'nykh na zhidkom i gazoobraznom toplive.
Izd.2., ispr. i dop. Moskva, Izd-vo "Nedra," 1964. 342 p.
(MIRA 17:2)

[illegible] Komitet [illegible] vnedreniyu [illegible]
[illegible] v narodnoye khozyaystvo [illegible] pri
[illegible] pravlenii Nauchno-tekhnicheskogo obshchestva
[illegible] neftyanoy i gazovoy promyshlennosti.

of Units.
MIRA 18:4)

SIOTNIK [illegible], Yakov Lvovich, [illegible]

New system of units and its use. Standartizatsiia 28 no.5: 28-34 My '64. (MIRA 17:12)

1. Predsedatel' Komissii sodeystviya vnedreniyu Mezhdunarodnoy sistemy yedinits v narodnoye khozyaystvo SSSR pri TSentral'nom pravlenii Nauchno-tekhnicheskogo obshchestva neftyanoy i [illegible].

L 40201-65 EWT(1)/EEC(m)/EWT(m)/EEC(k)-2/FCC/EEC(t)/EWA(h) Pg-4/Pf-4/Pl-4/
Pn-4/Pq-4/Ps-4 DIAAP GW

ACCESSION NR: AP5007051 S/0120/65/000/001/0169/0174

AUTHOR: Filatov, A. I.; Stepanov, A. P.; Stotskiy, V. M.

TITLE: Nuclear precession magnetometer with integrated polarization and measurement processes

SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1965, 169-174

TOPIC TAGS: magnetometer, nuclear precession magnetometer, terrestrial magnetic field

ABSTRACT: A method is considered of measuring the terrestrial magnetic field which is based on the phenomenon of free nuclear precession, with a continuous dynamic polarization of the protons of an aqueous solution of potassium nitrodisulfonate, $K_2[NO(SO_3)_2]$. The operating cycle of the new magnetometer consists of three consecutive periods: (1) Dynamic polarization of the working substance and measuring the frequency of the free-precession signal; (2) Turning

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ACCESSION NR: AP5007051

the nuclear magnetization into the plane perpendicular to the terrestrial magnetic field H_0; (3) Nonadiabatic shutting off the turning field h(t) and damping of transients in the receiving coil. The 90°-turn of the nuclear magnetization is effected by the short pulse of an auxiliary field. Field tests of a laboratory model of the magnetometer showed that its operating-cycle time may be as low as 0.5 sec. "The authors wish to thank A. I. Kolesnikov who materially helped to build the laboratory model." Orig. art. has: 4 figures and 3 formulas.

ASSOCIATION: Ural'skiy politekhnicheskiy institut im. S. M. Kirov (Ural Polytechnic Institute)

SUBMITTED: 26Dec63 ENCL: 00 SUB CODE: ES, NP

NO REF SOV: 004 OTHER: 004

Card 2/2

L 24259-66 EWT(1)/EWT(m)/EWP(j)/ETC(m)-6 IJP(c) WW/RM

ACC NR: AP6007824 SOURCE CODE: UR/0120/66/000/001/0128/0132

AUTHORS: Stepanov, A. P.; Stotskiy, V. M.; Filatov, A. I.

ORG: Ural Polytechnic Institute, Sverdlovsk (Ural'skiy politekhnicheskiy institut)

67
66
B

TITLE: Electron-nuclear double resonance spectrometer

2/

SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1966, 128-132

TOPIC TAGS: nuclear resonance, electron paramagnetic resonance, electron paramagnetic spectrometer, paramagnetic relaxation, line width, hyperfine structure, magnetometer

ABSTRACT: The article describes apparatus for the observation of dynamic polarization of nuclei in solutions of paramagnetic substances. The apparatus contains a source for a constant magnetic field, a system for detecting the nuclear magnetic resonance signal (which is proportional to the nuclear polarization), and a system for the saturation of the EPR lines. The apparatus can be used to measure the coefficient of increase in the polarization of the nuclei, the

Card 1/2 UDC: 539.28.078

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L 24259-66
ACC NR: AP6007824

nuclear and electronic relaxation times, the hyperfine structure of EPR spectra in a weak magnetic field (8 -- 50 Oe) at temperatures from 0 to +80C. Being designed for weak fields, where the conditions for strong narrowing of the resonant lines are easier to satisfy, the apparatus is simpler than that used for strong field measurements. The use of the equipment and its construction are described in detail. The accuracy is approximately 10%. As an example measurement results are presented for the hyperfine structure of the EPR spectra of solutions of DPPH in benzene, which could not be measured earlier, since the standard EPR technique is insufficiently sensitive for this purpose. The apparatus can also be used to select working media for nuclear precession magnotometers. Orig. art. has: 5 figures and 4 formulas.

SUB CODE: 20 SUBM DATE: 22Jan65/ ORIG REF: 003/ OTH REF: 007

Card 2/2

STOTSKIY, Vasiliy Nikolayevich; ZHARIKOV, N., redaktor; STARETS, R., redaktor; IL'YABAYEV, R., tekhnicheskiy redaktor

[In Vakhsh Valley; the high cotton yields and the growth of the economy of the N.S.Khrushchev Collective Farm, Kurgan-Tyubinsk district, Tajikistan] V doline Vakhsha; vysokii uroshai khlopka i razvitie ekonomiki kolkhoza imeni N.S.Khrushcheva, Kurgan-Tiubinskogo raiona Tadzhikistana. Stalinabad, Tadzhikgosizdat, 1955. 47 p. (MLRA 9:10)

(Tajikistan--Cotton growing)

STOTSKIY, V.N.; OBNOSOV, P.S., redaktor; STARETS, P., redaktor; SALIBAYEVA, V., redaktor; IL'YABAYEV, P., tekhnicheskiy redaktor

[New progressive methods of cotton cultivation and the development of collective farm economy in southern Tajikistan] Novye progressivnye priemy vozdelyvaniia khlopchatnika i razvitie ekonomiki kolkhozov IUzhnogo Tadzhikistana. Pod red. P.S.Obnosova. Stalinabad, Tadzhikgosizdat, 1956. 117 p. (MLRA 9:10)

(Tajikistan--Cotton growing)

STOTSKO, L.T. (Minsk)

Construction of a semiautomatic block system with a polarized line circuit on the White Russian line. Zhel.-dor.transp. 41 no.9:63-68 S '59. (MIRA 13:2)

1. Nachal'nik sluzhby signalizatsii i svyazi Belorusskoy zheleznoy dorogi.
(White Russia--Railroads--Block system)

L 51021-65 EWT(1)/EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AP5016638 CZ/0017/64/053/010/0526/0528

AUTHOR: Stotzel, H. (Graduate engineer); Teubner, W. (Graduate physicist) 19

B

TITLE: Mass spectrograph for quick recording in vacuum technique 21 18

SOURCE: Elektrotechnicky obzor, v. 53, no. 10, 1964, 526-528

TOPIC TAGS: mass spectrometer, vacuum physics

ABSTRACT: The mass spectrograph described is based on the principle of oscillating ions. The oscillographic recording of the mass spectrum is achieved at a constant service frequency and variable potential in the measuring tube. Examples are shown to demonstrate properties of the instrument and its suitability for investigating fast dynamic processes in vacuum systems. Orig. art. has: 7 figures.

ASSOCIATION: Ustav pro obecnou elektrotechniku Vysoke skoly technicke, Drazdanech (Institute for General Electrical Engineering, Higher School of Technology)

SUBMITTED: 09Jun64 ENCL: 00 SUB CODE: OP, GP

NO REF SOV: 000 OTHER: 009 JPRS

Card 1/1

STOUD, Z.

Unification of ISA and OST gauging systems in the countries of socialist comm. p. 14

VYNALEZY A NORMALISACE, OCHRANNE ZNAMKY, CHRANENE VZORY. Praha, Czechoslovakia, Vol. 3, No. 6, June 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.